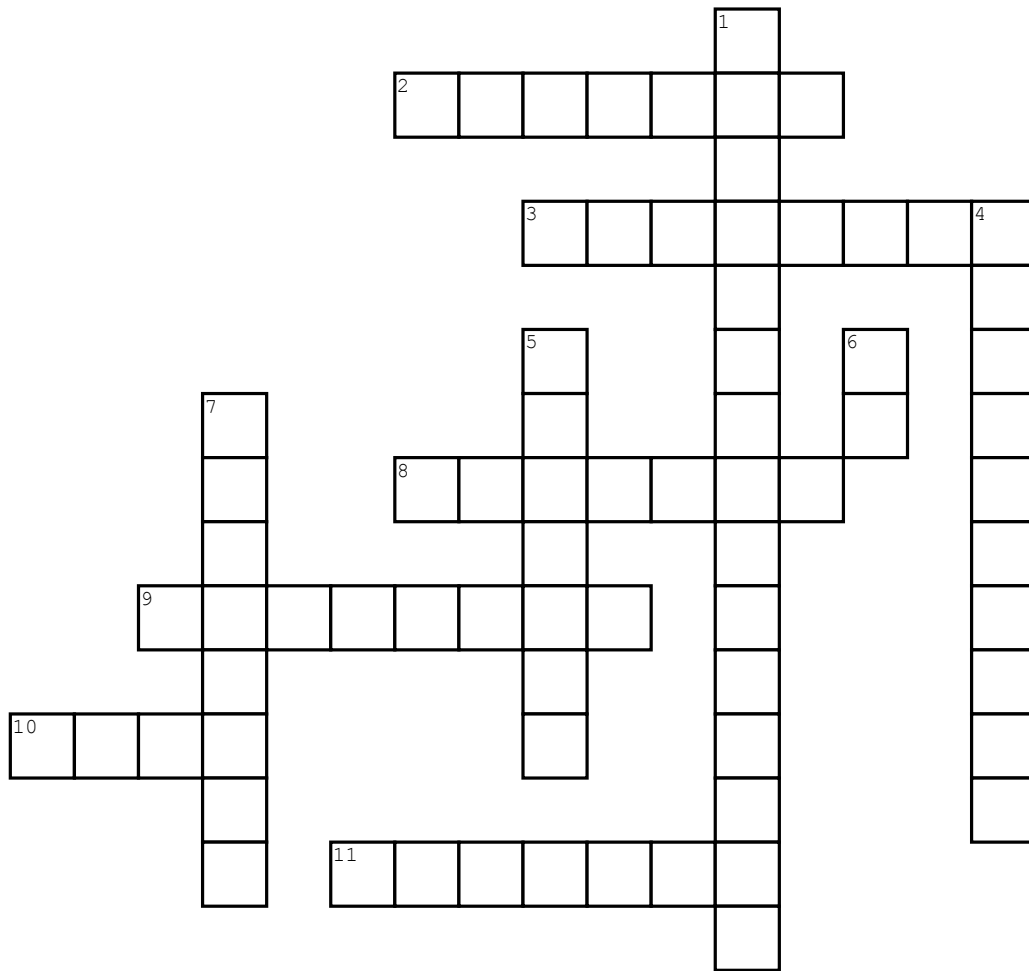


Name: _____

Date: _____

Newton and Keplers Laws



Across

2. The _____ the distance between months _____ the faster the planets move.
3. If an ellipses only has one focus the _____ will always be the same.
8. The force that pulls objects towards each other.
9. What is Kepler's first name
10. The location of the star in an orbit the star will be at one of the _____.

Word Bank

FG
GRAVITY
NEWTONS THIRD LAW
FARTHER

FOCI
VELOCITY
DISTANCE
PLANETS

11. Subject of Newtons first law of motion.

Down

1. For every action there is an equal opposite reaction.
4. Orbits are _____ with the center star at ones focus.
5. Subject of Kepler's law.
6. $G \times M_1 \times M_2$ divided by R squared equals?
7. Law of area: On closest approach to star _____ increases.